3•2•1® *GSX* SERIES III

DVD HOME ENTERTAINMENT SYSTEM

Owner's Guide
Guía de usario
Notice d'utilisation

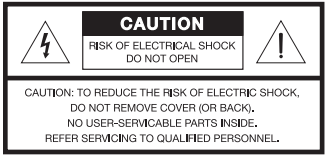
SAFETY INFORMATION

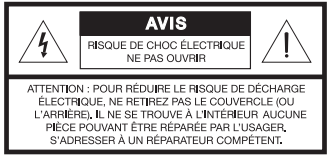
Please read this owner's guide

Please take the time to follow this owner's guide carefully. It will help you set up and operate your system properly and enjoy all of its advanced features. Save this owner's guide for future reference.

WARNING: *To reduce the risk of fire or electric shock, do not expose the system to rain or moisture.*

WARNING: *Do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the apparatus. As with any electronic product, use care not to spill liquids in any part of the system. Liquids can cause a failure and/or a fire hazard.*


CAUTION
RISK OF ELECTRICAL SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED PERSONNEL.


AVIS
RISQUE DE CHOC ÉLECTRIQUE
NE PAS OUVRIR
ATTENTION : POUR RÉDUIRE LE RISQUE DE DÉCHARGE
ÉLECTRIQUE, NE RETIREZ PAS LE COUVERCLE (OU
L'ARRIÈRE). IL NE SE TROUVE À L'INTÉRIEUR AUCUNE
PIÈCE POUVANT ÊTRE RÉPARÉE PAR L'USAGER.
S'ADRESSER À UN RÉPARATEUR COMPÉTENT.

The CAUTION marks shown here are located on the bottom of your 3•2•1® home entertainment system media center and the rear panel of the Acoustimass® module:

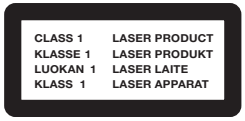
The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated, dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle alerts the user to the presence of important operating and maintenance instructions in this owner's guide.

CAUTION: *To prevent electric shock, match wide blade of plug to wide slot, insert fully.*

CAUTION: *Do not place any naked flame sources, such as lighted candles, on or near the apparatus.*

Class 1 laser product



This CD player is classified as a CLASS 1 LASER PRODUCT according to EN 60825-1:1994+A1+A2, IEC60825-1:1993+A1+A2.

CAUTION: *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. The DVD player should not be adjusted or repaired by anyone except properly qualified service personnel.*

Class B emissions limits

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Batteries

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

CE This product conforms to the EMC Directive 2004/108/EC and to the Low Voltage Directive 2006/95/EC. The complete Declaration of Conformity can be found at: www.Bose.com/static/compliance/index.html.

Additional safety information

See the additional instructions on the *Important Safety Information* sheet enclosed in the shipping carton.

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DEVICE CODES A-1

INTRODUCTION

Before you begin

Thank you for purchasing the 3•2•1® DVD home entertainment system. Using Bose® proprietary signal processing technology, the 3•2•1 system provides improved spaciousness from stereo recordings and bold movie effects for surround-sound sources.

System features include:

- Small, easy-to-place shelf speakers
- Easy-to-hide Acoustimass® module
- Integrated DVD/CD player and AM/FM tuner
- Remote and media center controls
- HDMI video connection to your TV
- Audio In connectors for three components
- Your choice of language for text displays
- New ways to enjoy your favorite CD tracks with the uMusic® intelligent playback system

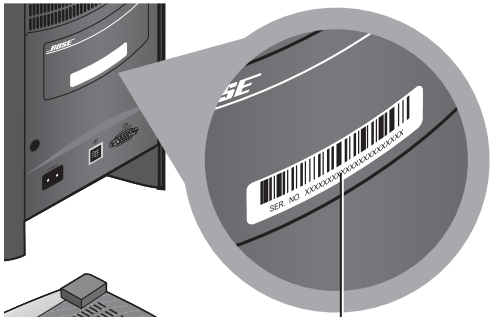
What is a uMusic system?

This system features breakthrough Bose technology that enables you to:

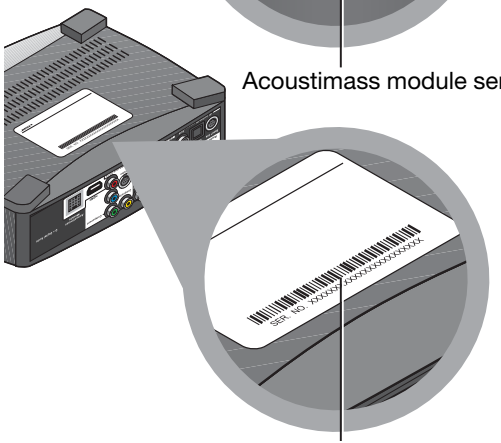
- *Store your favorite music in a library with capacity for approximately 200 hours of music (about 200 CDs).*
- *Teach the system which tracks you like or dislike, so it automatically plays the music you want to hear most.*

For your records

As you unpack the system, look for the serial numbers on the rear of the Acoustimass® module and the bottom of the media center.



Acoustimass module serial number



Media Center serial number

This is a good time to record the serial numbers on the lines below and on your product registration card. You may need them if you ever contact Bose® Customer Service.

Acoustimass module serial number:

_____

Media center serial number:

_____

Dealer name:

_____

Dealer phone:

_____

Purchase date:

_____

We suggest you keep your sales receipt and the warranty information (on the product registration card) together with this owner's guide.

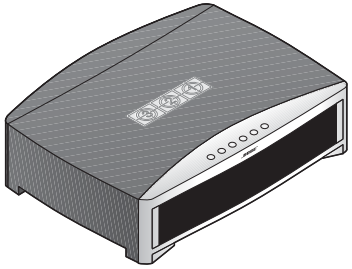
Unpacking

Carefully unpack your system. Save all packing materials, which provide the safest way to transport your system. Make sure your system includes the parts shown.

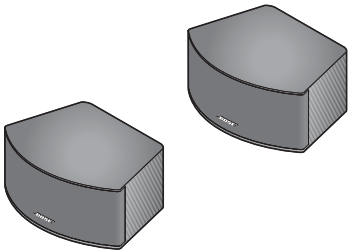
WARNING: *To avoid danger of suffocation, keep the plastic bags out of the reach of children.*

As you identify them, you may want to place a check mark in the box next to the name of each part.

If any part of the system appears damaged, do not try to use it. Notify Bose or your authorized Bose® dealer right away. For contact information, refer to the address sheet included in the carton.

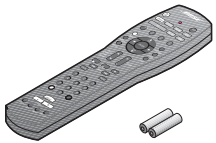


❑ Media center



❑ Speakers

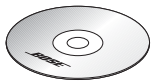
❑ Acoustimass® module



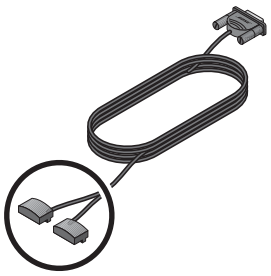
❑ Remote control and batteries

❑ Rubber feet for Acoustimass® module

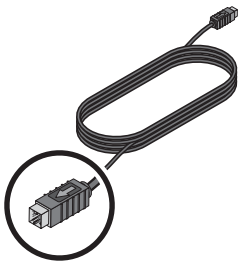
❑ Rubber feet for speakers



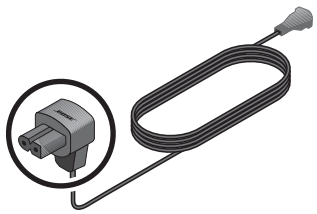
❑ Setup disc



❑ Speaker cable



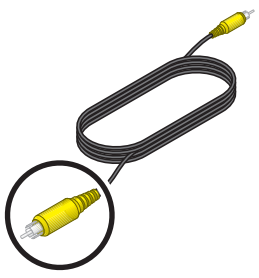
❑ Acoustimass module cable



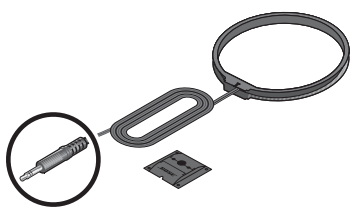
❑ Acoustimass module power cord

❑ Stereo audio cable

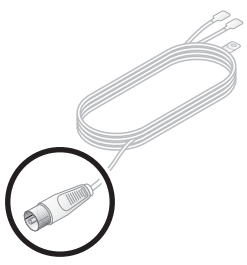
❑ HDMI video cable



❑ Composite video cable



❑ AM antenna and stand

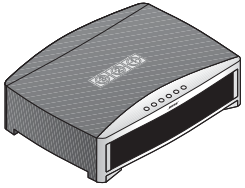


❑ FM antenna

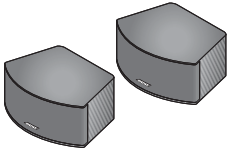
SETUP

1 Placing the system components

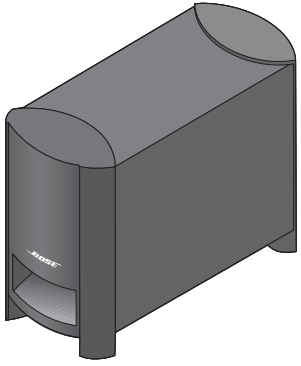
What you need to use:



Media center

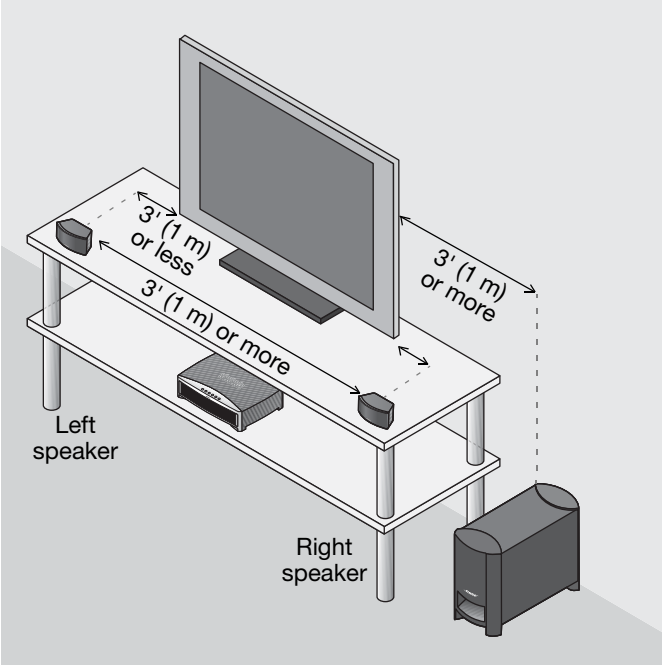


Speakers



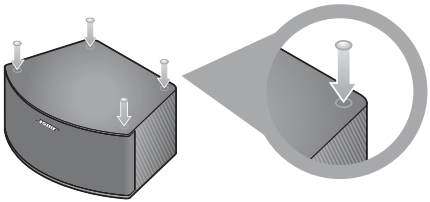
Acoustimass® module

The image below shows one of the many ways you can position your new 3•2•1® system.



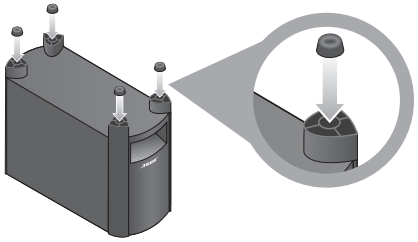
See Steps 1-6 for details.

1. On the bottom of each speaker, attach one set of small rubber feet.



2. Place the left and right speakers:
   - at least 3 feet (1 meter) apart
   - within 3 feet (1 meter) of the TV screen
   - near the front edge of any shelf
   - aimed straight ahead (not angled) to face the listening area

3. On the legs of the Acoustimass® module, attach the large rubber feet.



4. Place the Acoustimass module:
   - at the same end of the room as the speakers and your TV
   - at least 3 feet (1 meter) from the TV to prevent interference with the screen
   - several feet (.8 meters) from audio or video tapes to prevent magnetic damage to them
   - standing upright, not lying on a side, the front, or the back
   - with the front port aimed out from or along a wall for balanced performance
   - hidden under a table, behind a sofa or chair, or behind drapes as preferred
   - NOT in an enclosure, on a bed, on a sofa, or on a surface that can block the ventilation openings.

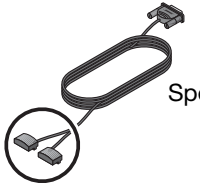
CAUTION: *Do not block ventilation openings on the bottom and rear of the module.*

5. Place the media center:
   - where nothing obstructs the front panel
   - near any components you will connect

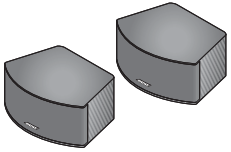
6. Continue with 2 on the next page.

2 Connecting the speakers to the module

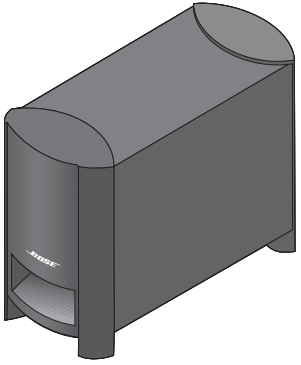
What you need to use:



Speaker cable

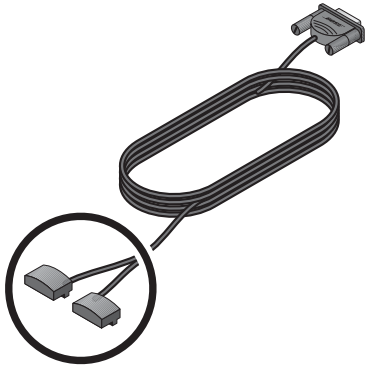


Speakers

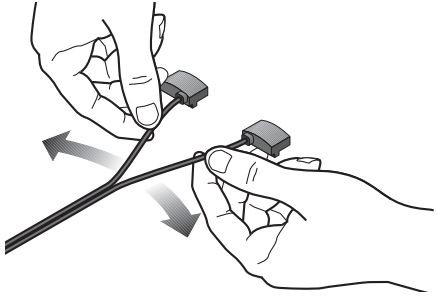


Acoustimass® module

1. Notice the two plugs at one end of the speaker cable.



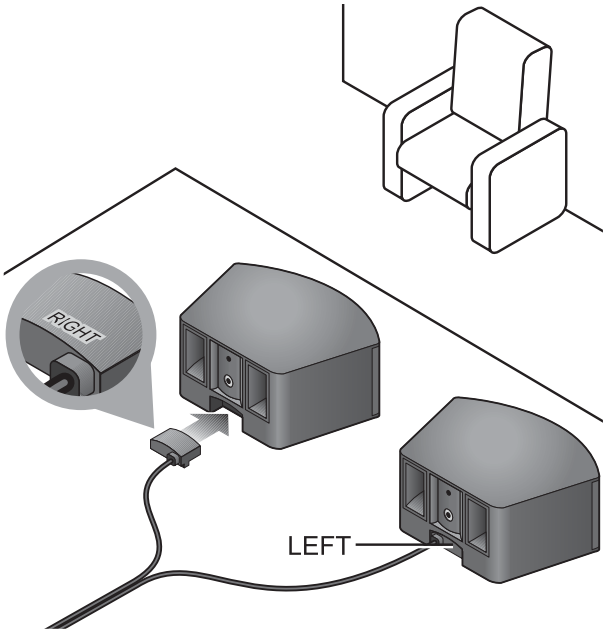
2. Separate the two plugs so each one reaches a speaker.



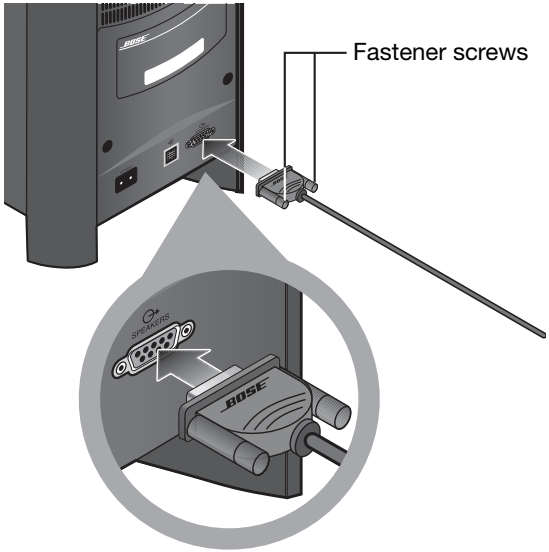
(Refer to 1 for placement guidelines.)

3. Insert each plug into the connector on the proper speaker.

The plug marked RIGHT goes into the speaker placed to the right of your TV.



4. Insert the remaining single plug into the connector labeled SPEAKERS on the back of the Acoustimass® module.



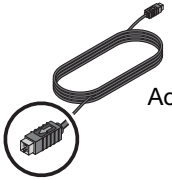
5. Tighten each fastener screw by hand to secure the plug.

CAUTION: *Do not plug the Acoustimass module into an AC power (mains) outlet until all other components are connected.*

6. Continue with 3 on the next page.

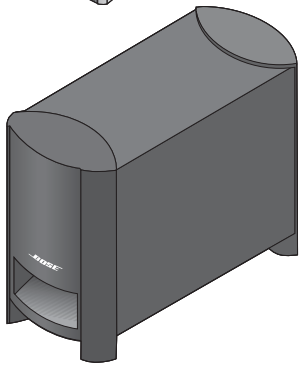
3 Connecting the module to the media center

What you need to use:



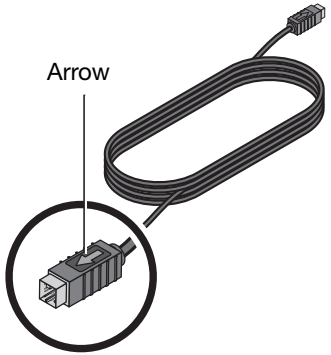
Acoustimass® module cable

Media center



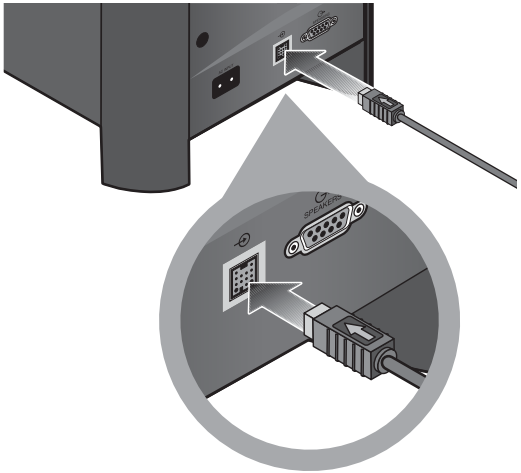
Acoustimass module

1. Notice the arrow on the top of the multi-pin plug at each end of the Acoustimass module cable.



2. Make sure you can see the arrow on top before you insert either end of the cable.

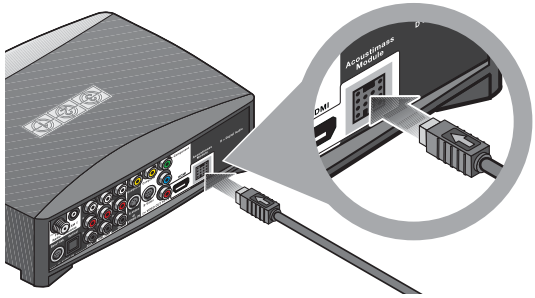
3. Insert this plug into the connector labeled ⊖ on the back of the Acoustimass® module.



Make sure the arrow on the plug faces up as you insert it.

4. On the other end of the cable, make sure you can see the arrow on top of the plug.

5. Insert this plug into the connector labeled Acoustimass Module on the back of the media center.



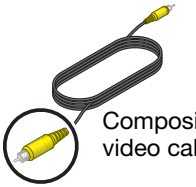
6. Continue with 4 on the next page.

4 Connecting the system video to your TV

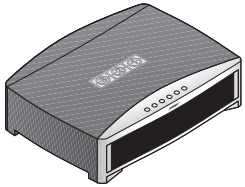
What you may need to use:

HDMI video cable

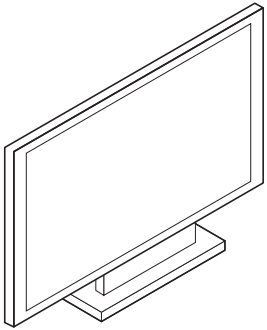
OR



Composite video cable



Media center



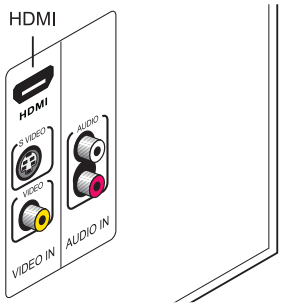
Your TV

This connection allows you to see DVDs and other video from the 3•2•1® system on your TV.

1. Select the HDMI video cable.

2. Check to see if your TV has an unused HDMI connector for VIDEO IN.

This may be located on the side or rear connector panel of the TV.



3. Follow the directions that are appropriate for your TV:

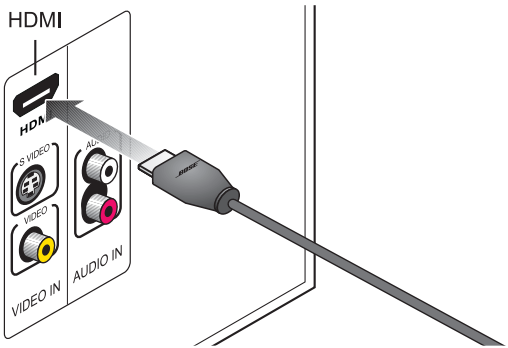
TV with HDMI on page 14

or

TV without HDMI on page 15

TV with HDMI

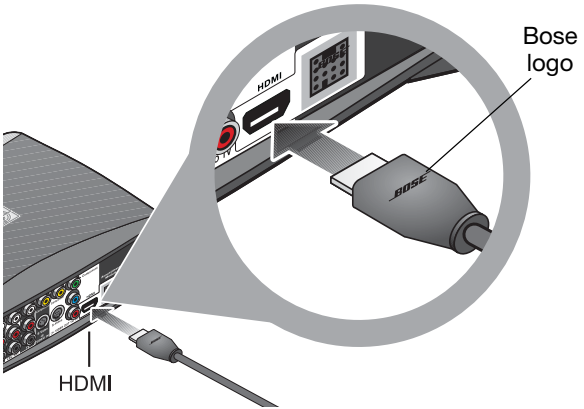
1. Insert one end of the HDMI cable into the HDMI connector on your TV.



Match the wide side of the plug to the wide side of the connector.

2. Insert the other end of this cable into the HDMI connector on the media center.

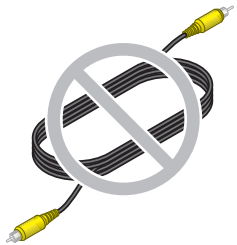
Make sure the Bose® logo shows as you insert the plug.

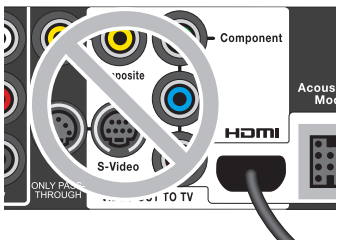


3. Continue with 5 on page 17.

Note: *If you make this HDMI connection, you do not need the supplied yellow Composite video cable to make any connections.*

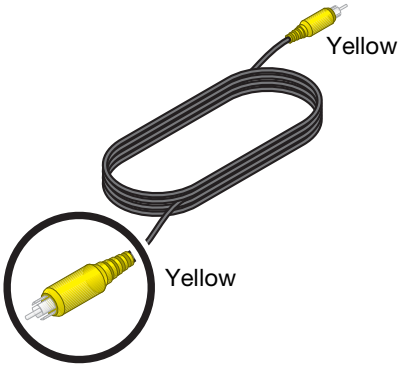
DO NOT use either of the two ONLY PASS-THROUGH connectors on the back of the media center for video from a component.Neither S-Video nor Composite signals can pass through the HDMI cable to the TV.





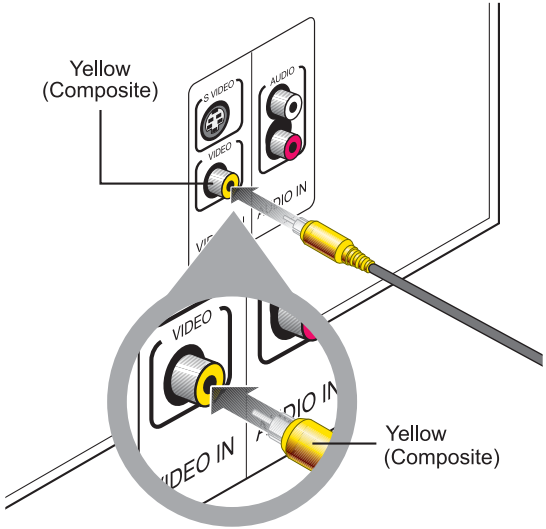
TV without HDMI

1. Notice the yellow plug at each end of the Composite video cable.



Note: *There may be other kinds of video connectors on your TV that offer higher resolution than Composite. To use either S-Video or Component connectors, you need the appropriate cables. These cables are available at most electronics stores.*

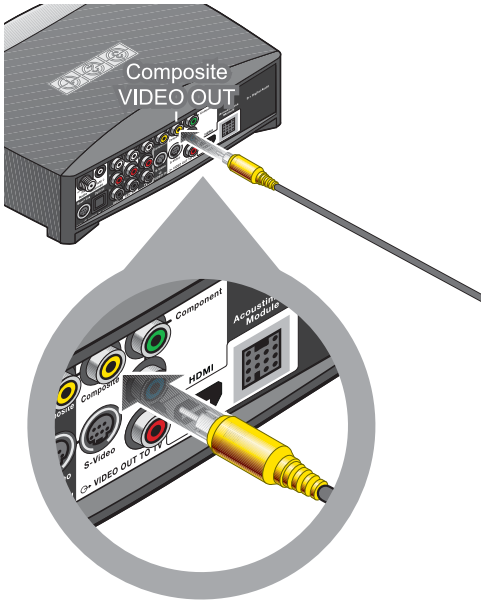
2. Plug the Composite video cable into the yellow VIDEO IN connector on your TV.



Note: *If there is just one Composite Video In connector on your TV, it may be in use already for another video component. You can disconnect that component from the TV, and see "To use video pass through" on page 21.*

3. Insert the other end into the yellow Composite VIDEO OUT connector on the back of the media center.

.a

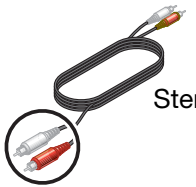


Note: *If you make this Composite connection, you can use the ONLY PASS-THROUGH connector on the media center for video from another component. See "To use video pass through" on page 21 for further information.*

4. Continue with 5 on the next page.

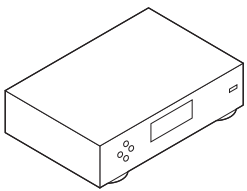
5 Connecting a cable box or other component

What you need to use:



Stereo audio cable

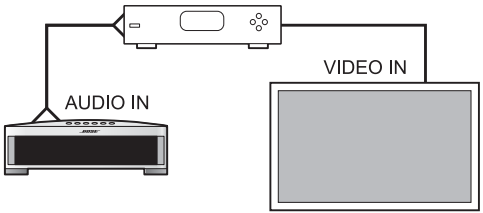
Media center



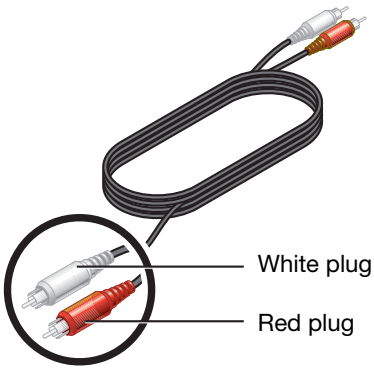
Your cable box, satellite box, or other component

You can listen to another sound source — like a cable or satellite box — through the 3•2•1® speakers instead of your TV.

This requires an audio connection only. Leave the video from your component connected to your TV.



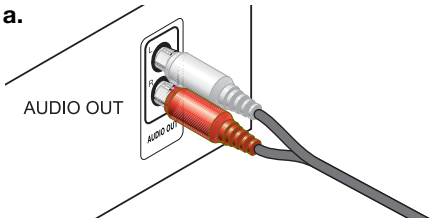
5. Select the audio cable that has red and white plugs at each end.



6. Check to see if your cable or satellite box has red and white AUDIO OUT connectors.

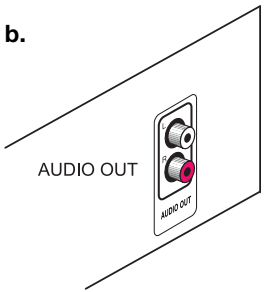
A red and white audio cable may (**a**) or may not (**b**) already be attached to these connectors.

a.



OR

b.

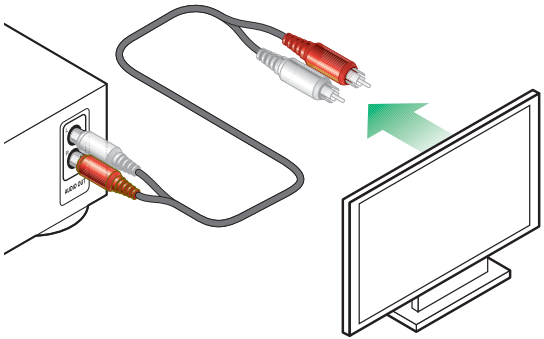


c. If there are no AUDIO OUT connectors at all, continue with 6 on page 22.

3. To use the AUDIO OUT connectors, follow **a** or **b** as appropriate.

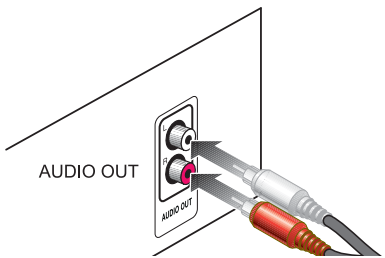
a. If an audio cable is already attached

Disconnect the cable from the TV only.

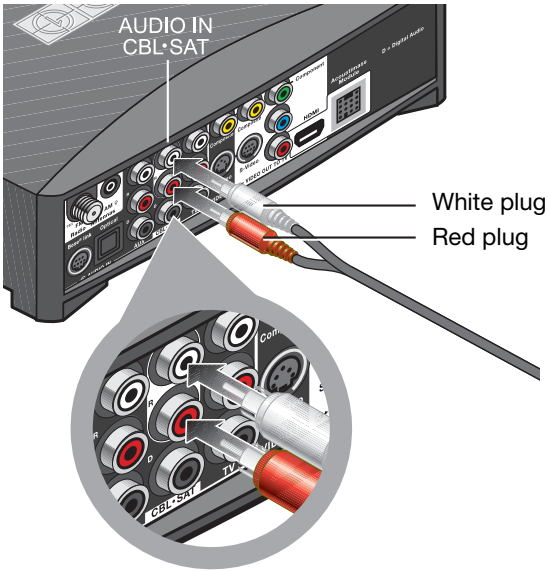


b. If an audio cable is not yet attached

Connect the cable to your cable or satellite box. Be sure to connect red to red and white to white.



4. Insert the plugs at the other end of the audio cable into the CBL•SAT AUDIO IN connectors on the media center.

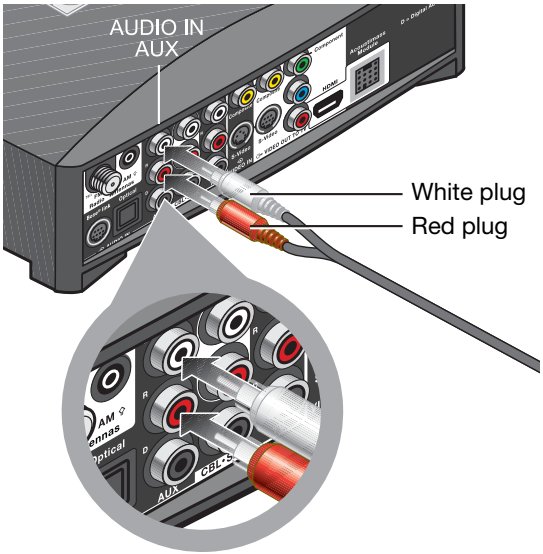


To connect another component

In addition to your cable or satellite box, you can connect a second component, like a VCR. For this you need another audio cable with red and white plugs, available at most electronics stores.

1. Use this additional cable to connect to the AUDIO OUT on your component. Follow the method used in steps 1-3 on the previous pages.

2. Connect the other end of this cable to the AUDIO IN AUX on the 3•2•1® system media center.

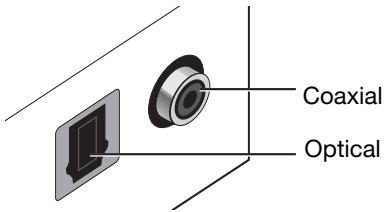


To get digital audio from the component

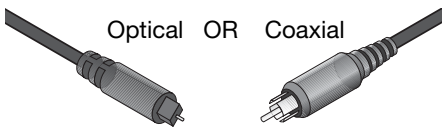
For a component that is already connected to the media center, you can make a digital audio connection too.

For this higher quality audio, you need a digital audio cable that works with your component. Such cables are available at most electronics stores.

1. Identify the digital connector on your component as either an Optical or Coaxial connector.



2. Be sure to use the right cable for this connector.

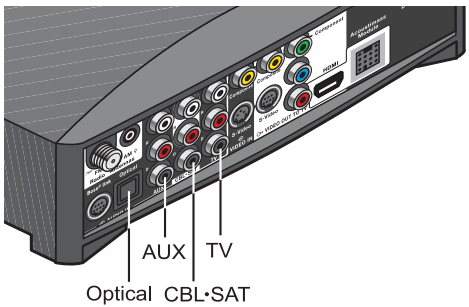


Note: *If your component has an Optical and a Coaxial connector, use either one but not both.*

3. Connect one end of your digital cable to the digital AUDIO OUT connector on your component.

   Be sure to keep the red and white audio cable connected. This allows you to hear the audio if the program audio is not digital or the digital signal is interrupted.

4. Locate the appropriate digital AUDIO IN connector, labeled D, on the system media center.

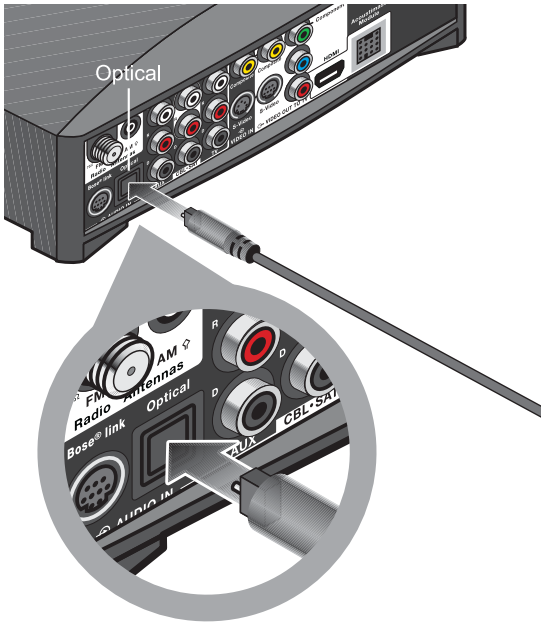


You can make:

- up to 3 coaxial connections
- up to 2 coaxial and one optical connection

Note: *The media center Optical connector is factory set to work with a cable or satellite box. If your Optical component is neither of those, you need to select your component in an on-screen System menu. See "Getting digital audio from a source" on page 45.*

5. Plug the other end of your digital cable into the appropriate AUDIO IN connector on the media center.



The example here shows an Optical digital connection only.

To use video pass through

This calls for another composite cable or two S-Video cables, which are available at most electronics stores.

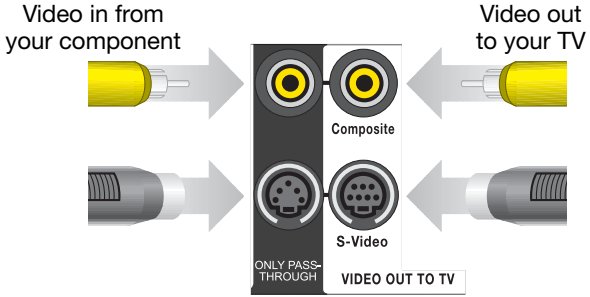
You can make a pass through connection if:

- You have a Composite or S-Video connection between the TV and the media center (not HDMI or Component).

AND:

- You want to connect another video component through the media center to the TV.

Be sure to use one matched pair as shown here:



DO NOT use either of the two ONLY PASS-THROUGH connectors (on the left) if you have made an HDMI or Component connection VIDEO OUT TO TV.

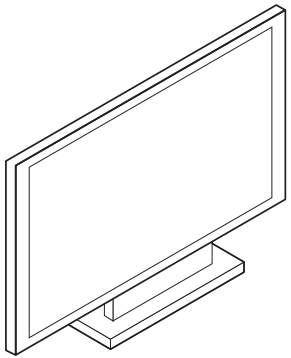
Continue with 6 on the next page.

6 Connecting audio from your TV as an option

What you need to use:

Audio cable

Media center



Your TV

For some setups, in order to hear your TV sound from your 3•2•1® speakers, you need to make this connection.

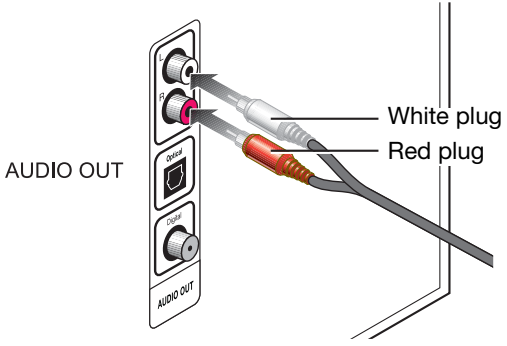
If:

- Your cable box does not provide red and white AUDIO OUT connectors.
- You watch TV programs without using a cable or satellite box.
- You connect a video camera or game console to your TV.

If none of the above apply, continue with 7 on page 25.

Note: *If you have already connected the audio cable provided with the system, you need another cable for this connection. These cables are available at most electronics stores.*

1. Insert the red and white plugs at one end of the cable into the AUDIO OUT connectors on the TV.



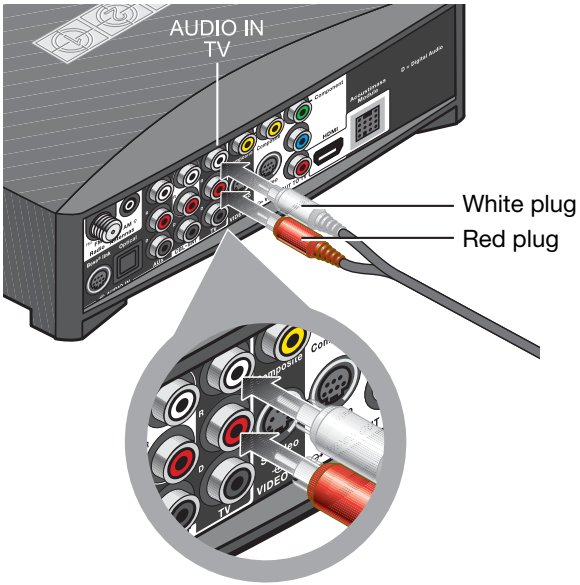
Be sure to match red to red and white to white.

Note: *In addition to this connection, you can make a digital AUDIO OUT connection from the TV to the media center. For more information, review "To get digital audio from the component" on page 20.*

Note: *If your TV does not provide AUDIO OUT connectors, you cannot connect the TV audio to the 3•2•1® system. Continue to use your TV speakers for TV program audio.*

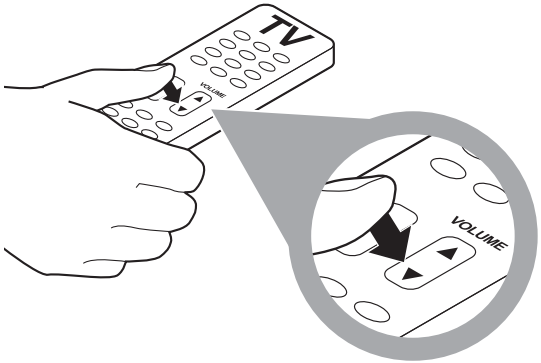
The audio from other components that are connected to the 3•2•1 media center will play through the 3•2•1 speakers.

2. Insert the red and white plugs at the other end of this cable into the AUDIO IN TV connectors on the media center.



Be sure to match red to red and white to white.

3. Use your TV remote control to turn the TV speakers down to minimum volume.

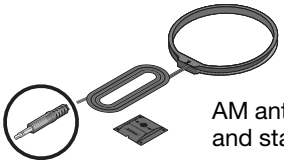


This prevents the echo effect of audio playing through both the TV speakers and your 3•2•1® system speakers.

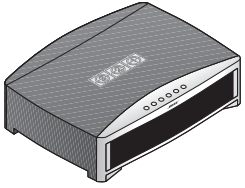
7 Installing the FM and AM radio antennas

What you need to use:

FM antenna



AM antenna and stand

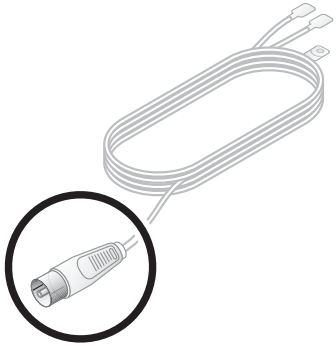


Media center

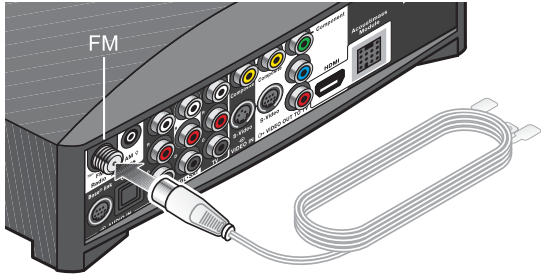
For radio reception of broadcast radio programs, you need to use the supplied antennas.

For FM:

1. Select the FM antenna.



2. Insert the antenna plug into the FM antenna connector.

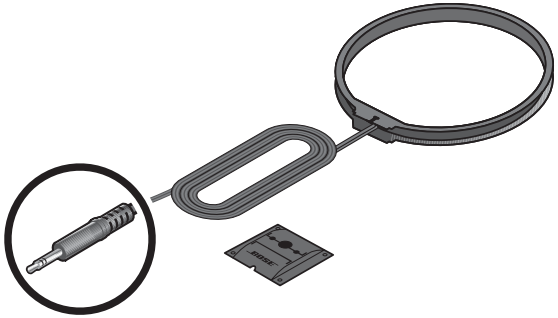


3. Straighten the antenna cable and spread the two ends far apart.

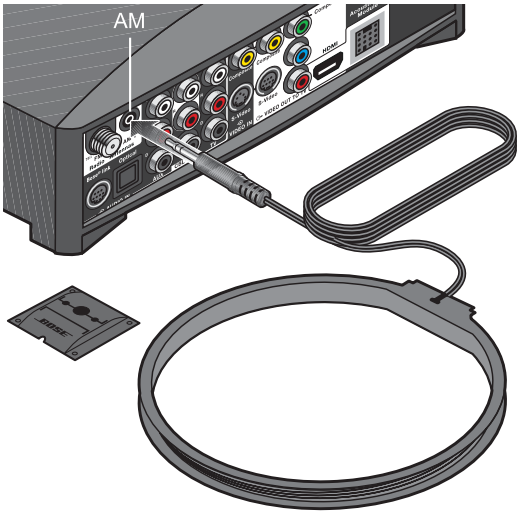
You may need to raise the ends and adjust the position to get clear reception.

For AM:

1. Select the AM antenna and stand.

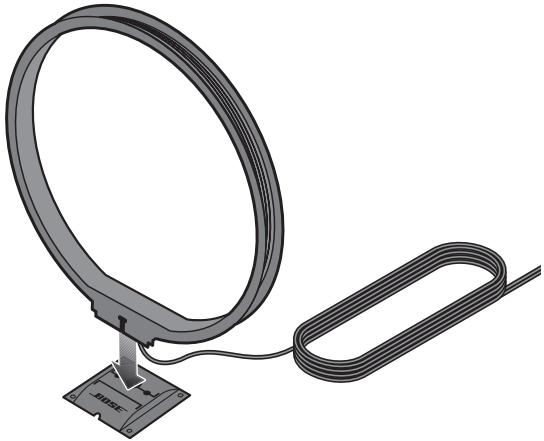


2. Insert the antenna plug into the AM antenna connector.



3. Press firmly to attach the antenna loop to the provided stand.

   Small tabs on the antenna ring fit into notches on the stand.

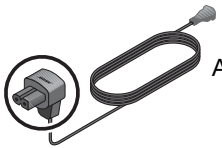


4. Place the antenna in an upright position and at lease 20 inches (50 centimeters) from both the media center and the Acoustimass® module.

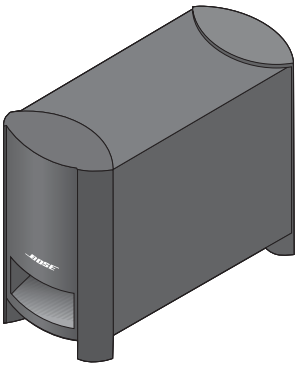
5. Continue with 8 on the next page.

8 Connecting the module to a power outlet

What you need to use:

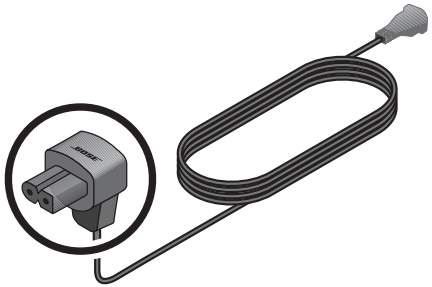


Acoustimass® module power cable

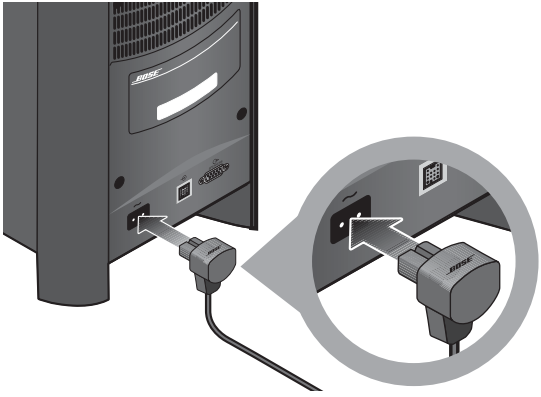


Acoustimass module

1. Notice the large plug at one end of the Acoustimass module power cable.



2. Insert this plug into the power connector that is marked ~ on the Acoustimass® module.

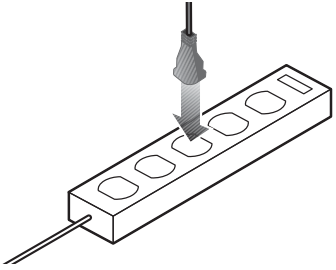


Note: *On some systems, the Acoustimass module includes one of two controls.*

On 220-240V models only*, turn the POWER switch to on (* ***I*** *).*

On dual-voltage systems only*, set the voltage switch for the power that is appropriate to the region where you use the system.*

3. Plug the other cable end into the AC (mains) power.



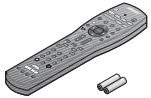
CAUTION: *Bose recommends using a safety agency-approved surge protector on all electronic equipment. Voltage variations and spikes can damage electronic components in any system.*

Note: *Surge protectors are available at most electronics stores.*

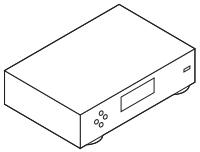
4. Continue with 9 on the next page.

9 Setting the remote to control your TV and components

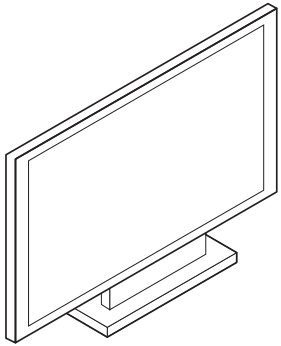
What you need to use:



Remote control and batteries



Your component



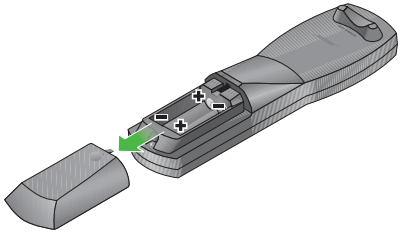
Your TV

When the batteries are installed, you can set the 3•2•1® remote to control your TV and other components connected to the media center.

Inserting the remote batteries

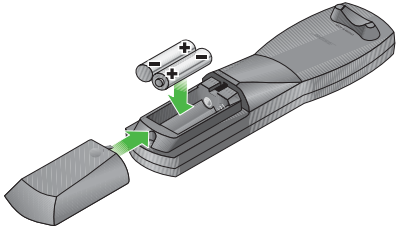
The two supplied AA batteries go into the compartment on the back of the remote control.

1. Slide the battery compartment cover off.



Symbols inside the compartment show how to match the – and + symbols on the batteries.

2. Insert the two batteries, making sure to match the markings.



3. Slide the cover back until it clicks into place.

Setting the remote for your TV

To use the 3•2•1® remote with your TV, you must set the remote for the proper TV device code.

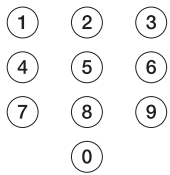
1. Refer to the list of "Device codes" on page A-1.
2. In the list for TVs, find the brand of your TV.
3. Write down several codes for your brand so you can try more than one, if needed.

Note: *If one code works to turn your TV on and off but does not change channels, you can try other codes to find one that provides more complete TV control.*

4. Turn on the TV and your 3•2•1 system.
5. On the 3•2•1 remote, press and hold the TV button for several seconds.

   Wait until the red light at the top of the remote turns on.

6. Use the number buttons on this remote to enter the device code for your TV.

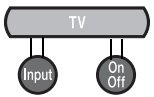


   The light turns off briefly as you press each key.

7. Make sure the light turns off completely after all digits are entered.

   If the light blinks now, the code is invalid. Return to step 5 and try a different code for your TV.

8. Point the 3•2•1 remote at your TV and press the TV On/Off button.



   Use the 3•2•1 remote to turn the TV on again and change channels, using the number buttons or by pressing Channel up or down.

   If it performs both operations, this code is correct. Write the code numbers below:

   If this code does not work, repeat steps 5-8 using a different code for your TV.

Note: *For a CD changer or combination CD/DVD player and changer, your brand may not be listed in the CD/DVD device codes on page A-21. In some cases, the same brand of DVD or VCR device codes can work with a changer.*

Controlling another component

With your CBL•SAT, VCR, or other component turned on, follow these steps.

1. In the Device Codes list, find the codes for the type and brand of your component.

2. On the 3•2•1® remote, press and hold the button for this component for several seconds.

   Wait until the red light at the top of the remote turns on.

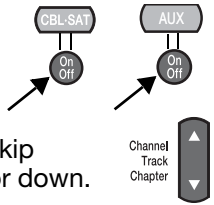
3. Enter the device code for your component.

   The light turns off briefly as you press each key.

4. Make sure the light turns off completely after all digits are entered.

   If the light blinks instead of turning off, the code is invalid. Return to step 2 and try a different code for your component.

5. Point the 3•2•1 remote at your component and press the On/Off button for this source.



   Use the 3•2•1 remote to turn the component on again and to skip forward by pressing channel up or down.

   If it performs both operations, this code is correct. Write the code numbers below:

   If this code does not work, repeat steps 2-5 using a different code for your component.

Trying out the DVD

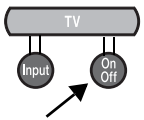
When you first turn on the system, you can play the provided DVD to get a step-by-step review of your setup.

1. Before you continue, make sure that:

- All of the cables needed for your setup are connected.
- Batteries are installed in the 3•2•1® system remote control.
- The system power cord is plugged in at both ends.

2. Turn on your TV.

- Use the TV On/Off button on the 3•2•1 remote if you have it set up to control your TV.
- Or use the remote control that came with the TV.



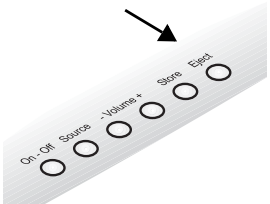
3. Play the provided DVD.

a. Point the 3•2•1 remote control at the media center and press CD/DVD.

b. On the media center controls, press Eject.

c. Insert the disc into the disc tray.

d. Press Eject again to close the tray and begin automatic play.

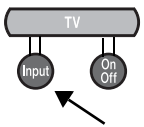


e. If the DVD does not begin playing, press the play button on the remote.

Playing the DVD helps verify that your system setup is correct.

Note: *If you do not see the DVD video on your TV screen, change the Video Input on the TV.*

Use the TV Input button on the 3•2•1 remote if you have it set up to control your TV.



Or use the button for Video Input on your TV remote control. For more information, refer to the owner's manual that came with your TV.

If you STILL do not see the DVD image on your screen, see the problem identified as "Sound, but no picture" under Troubleshooting on page 65.

The remote control

Aim the *3•2•1*® remote control at the media center or at the component you are controlling with the remote.

1. Press the white On/Off button near the top of the remote control.

The system turns on to the last used source*, which may be:

- Stored music
- CD•DVD
- FM•AM
- TV
- CBL•SAT
- AUX

If your media center does not respond to the remote:

- Make sure there is nothing blocking the front display where signals are received.
- Aim more directly at the media center.
- Move closer to the system.
  The control range of the remote is roughly 20 feet (6.2 meters).

**If your 3•2•1 system is connected by Bose® link cable to a Lifestyle® system in another room, the Lifestyle® system can be the selected source.*

2. Get to know how the remote works:

- See the brief descriptions on pages 35-38.
- Try out the various buttons to see how they work.

Power and source buttons

Turns the 3•2•1® system on and off.

Play begins with the source last used.

Silences or restores the sound.

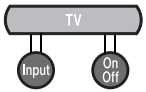
Selects stored CDs as the music source and turns on the system.

Play begins in the play mode last used.

Selects the built-in CD/DVD player as source and turns on the system.

Selects the built-in FM/AM radio as source and turns on the system to the station last used.

Switches between FM and AM when the radio is playing.



Selects audio from the TV source and turns your 3•2•1 system on if it was off.

If the remote is set up control your TV:

- Input selects a TV Video Input.
- On/Off turns the TV on and off.

Your remote also provides one of the two buttons shown here:

- For adjusting the on-screen aspect ratio of video from cable, satellite, or TV (but not DVD).

- For displaying teletext information that is provided with broadcast programs (in Europe only).

Selects the audio from the device connected to CBL•SAT on the media center rear panel.

Turns your 3•2•1 system on if it was off.

If the remote is set up to control this source, On/Off turns the cable or satellite box on and off.

Selects the audio from the device connected to AUX on the media center rear panel.

Turns your 3•2•1 system on if it was off.

If the remote is set up to control this source, On/Off turns the AUX device on and off.

Menu and movement buttons

Enters the library of stored CD tracks.

Enters the Settings menu for the source that is playing.

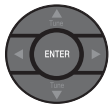
Enters the System main menu.

Displays the DVD menu for the current disc on your TV screen.

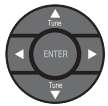
Displays an on-screen program guide for any connected video devices that provide a guide.

Exits the 3•2•1® Settings or System menu.

Exits the on-screen menus or information screens of other connected video sources.



Confirms the selection of a menu item.



Moves up, down, left, or right in a menu or screen.

Tunes the FM/AM radio up or down to the next frequency.

Selects the next or previous item in a menu list.

Raises or lowers the volume.

- Pressing + raises the volume and unmutes the system (if muted).
- Pressing – lowers the volume.

Skips backward or forward to the next:

- TV, cable, or satellite channel
- CD track
- DVD chapter

Play and numeric buttons

Halts play of recorded music or video.

Pauses or resumes paused play of recorded music or video.

Starts or resumes play of recorded music or video.

For CD or MP3: Moves to the previous or next track.

- Press and hold scans through a track.

For DVD and DVR: Moves backward or forward in video.

- More presses increase the speed.

For FM/AM: Moves to the previous or next strong radio station.

For CD: Randomly plays the music.

- Pressing again ends random play.

For DVR: Moves backwards a few seconds with each press.

For Stored: In CD#, Playlist, and Whole CD play modes only, plays the music in random order.

- Pressing again ends random play.

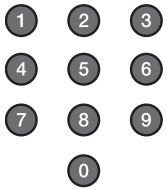
For CD or MP3: Repeats the current track.

- Pressing again repeats the disc.
- Pressing three times ends the repeat.

For DVR: Moves forward a few seconds with each press.

For Stored: In CD#, Playlist, and Whole CD play modes only, repeats the track playing.

- Pressing twice replays the entire disc or playlist.



For CD: Selects a track.

For DVD: Selects a chapter.

For TV, cable, or satellite: Selects the channel of the numbers pressed.

For FM/AM: Selects a preset radio station.

For Stored: Selects a uMusic® preset.

For CBL•SAT: Displays or dismisses an on-screen information window (if one is available).

For MP3: Holding down the button displays or dismisses artist and title information on the media center display panel.

For Stored: Displays detailed track information.

For TV, cable, or satellite: Returns to the channel last selected.

Record and A, B, C buttons (not in Europe)

These buttons can be used with a DVR, VCR, a cable box, or satellite box. This requires that the 3•2•1® remote is set to control the component.

- Starts DVR or VCR recording of the cable, satellite, or TV program that is playing.
- Makes a selection from a cable on-screen List A.
- Makes a selection from a cable on-screen List B.
- Makes a selection from a cable on-screen List C.

Colored buttons (in Europe only)

These buttons can be used with Teletext, a cable box, or a satellite box.

- Red – Selects the screen content labeled red.
- Green – Selects the screen content labeled green.
- Yellow – Selects the screen content labeled yellow.
- Blue – Selects the screen content labeled blue.

uMusic® buttons

Selects the uMusic intelligent playback system for stored music play.

Ends other stored music play modes.

Applies a negative (–) or positive (+) rating to stored music.

Ratings can be applied to the track that is playing or to music that is selected in the stored music library.

- ratings end play of the current track and begin a new selection.

+ ratings continue playing the current track.

Selects and plays stored music that matches features of the current track.

Plays tracks of a CD chosen by number in the uMusic system.

Plays all tracks in the playlist (if one is set up).

Other play modes, such as Encore, may be applied while the playlist is selected.

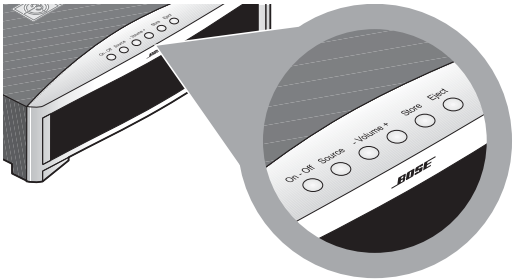
Skips the currently playing track to begin play of the CD that included this track.

Plays all tracks on the CD in order.

The media center

The front of the media center features:

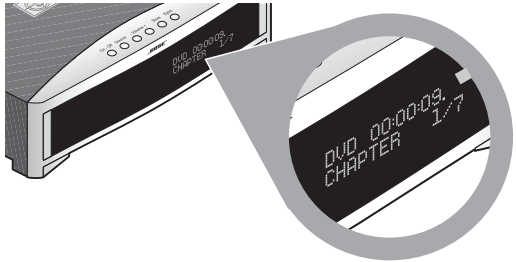
Control buttons



On•Off	Turns the system power on or off.
Source	Displays and sets the choice of play options.
– Volume +	Lowers or raises the volume level.
Store	Copies audio CD tracks into the library.
Eject	Opens or closes the disc tray.

Note: *When you use the Source button on the media center to select a connected component for play, your 3•2•1® remote will not control that component. Press the CBL•SAT or AUX button on the remote to control that source.*

Display

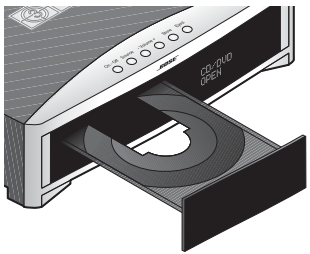


When the system is turned on, the display shows:

- selected source (CD/DVD, for example)
- source status (stopped, for example)
- source data (elapsed DVD time, for example)
- system status (like disc tray OPEN, shown below)

Disc tray

Use the Eject button to open and close this tray. Do NOT push the tray to close it.



Playing a video disc or CD

1. Press CD•DVD on the 3•2•1® remote.

   This turns on the 3•2•1 system and selects the CD/DVD source.

   For video play, also turn on the TV.

   You may need to change the TV Video Input to see the correct video.

Note: *To prevent mid-play video disc problems, be sure the disc is clean. This is particularly important with rented DVDs.*

2. On the media center control panel, press Eject to open the disc tray.
3. Place the disc (right side up) in the tray.
4. Press Eject again to close the tray.

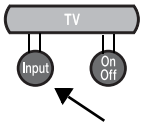
   The disc begins to play automatically.

   If not, press Play on the 3•2•1 remote.

The media center display registers disc information and progress as the play continues.

Note: *If the display text is not in your language, see "Language choices" on page 48.*

Note: *There are several ways to select a TV Video Input:*



- *If your 3•2•1 remote is set to work with your TV, press the TV Input button.*
- *If the remote is not set to work with your TV, use the Input button on your TV remote control. Or see your TV owner's guide for instructions.*

Selecting a play option

If you want to:

Interrupt play, press Pause on the remote control.

- To resume playing a paused disc, press Pause again. Or press Play.

Halt play, press Stop.

- To resume playing a stopped disc, press Play.
- To restart the disc at the beginning, press Stop once more and then press Play.

Skip to the next CD track or DVD chapter, press Chapter up.

Skip to the previous CD track or DVD chapter, press Chapter down.

Replay part of the disc, press Repeat.

- Press once to replay the CD track or DVD chapter.
- Press twice to replay a CD disc or DVD title.
- Press three times to end the replay.

Scan backward or **forward** through the disc, press and hold Seek reverse or Seek ahead.

Press Play to end the scan.

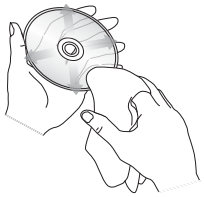
Stop a disc **and open** the disc tray, press Eject on the media center.

Keeping your discs clean

Scratches or dirt on a disc can prevent it from playing properly.

To avoid this problem:

- Handle discs by their edges to prevent fingerprints and scratches. Return them to their cases after use.
- Avoid exposing discs to:
  - — chemical products that can cause damage.
  - — writing directly on the disc or on a label attached to the disc.
  - — direct sunlight, high temperatures, and humidity
- Use a soft, dry and lint-free cloth to clean the disc. Wipe straight out from the center to the edge.



Do not use a circular motion

Checking for disc compatibility

If you have trouble playing a disc, check to be sure it is one of the compatible types below.

- Video DVD
- Video CD
- DVD-R, DVD-RW
- Audio CD
- CD-R
- SACDs (CD-compatible content only)
- MP3 CDs:
  - — burned in a single closed session
  - — in disc format ISO9660
  - — with .mp3 as the extension and no other periods in the file name.

Region codes

For any DVD player and DVD disc to work together, the code for the region where they were sold must match. A code symbol is marked clearly on the bottom of your system media center and on the DVD cover (where it may be very small). For example, Region 1 is .

Copy protection

Music and other content may be protected by international and domestic copyright laws and may contain specific restrictions on use and/or reproduction. Please respect the rights of the artists and other copyright holders.

For DVDs: Setting Parental Control

You can password protect some DVDs that are not appropriate for other family members.

Choosing a password

1. Turn on your TV and your 3•2•1® system.

   Be sure to select the same TV Video Input that you use to watch a DVD.

2. Press the System button on your 3•2•1 remote control.

   The System menu appears on screen.

3. Press the right arrow button to select the DVD Lock icon .

4. Press ENTER.

5. Use the number buttons to create your four-digit password.

Setting a restriction level

1. Choose a Parental Control Setting from the chart of ratings defined by the Motion Picture Association of America (MPAA).

Ratings supplied by the MPAA

Parental Control Setting	MPAA Rating	Audience Restriction
8		None
7	NC-17	Adult audiences
6	R	Mature audiences
5		Mature teenage audiences
4	PG-13	Teenage audiences
3	PG	Mature young audiences
2		Most audiences
1	G	General

The numbers above the one you select will be restricted.

2. In the System menu, select DVD Lock and enter your password.
3. Use the arrow buttons to reach Lock UnRated Discs and select Yes.
4. Move down to Lock Discs Rated Above and right to the numbers.
5. Press the up or down arrow button to select a number.

   Any numbers above this selection will be restricted by password protection.
6. Press ENTER to save this setting and Exit to move out of the System menu.

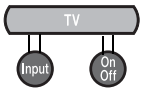
Playing a cable box or other component

1. Press the button for the source (CBL•SAT or AUX) you want to play.

   This turns on the 3•2•1® system to the selected source.

2. Turn on your component and, if it is a video source, turn on the TV.

   If the 3•2•1 remote is set to control the component, you can press the source On/Off button on the remote.



3. Choose the proper Video Input on your TV if the source is a video component.

Adjusting for audio delay

While playing a DVD, you may notice that the picture and audio are not in perfect sync. For example, you see a person's lips move after you hear the words.

To make small adjustments to this timing, use the audio delay setting on the 3•2•1 system:

1. Press the Settings button on the 3•2•1 remote control.

   The Settings menu appears on screen.

2. Move down to the audio delay icon and press ENTER.

3. Select an adjustment (1-8) and wait to see if this corrects the problem.

   Each selection makes a minute timing adjustment. It may be difficult to notice the change.

Getting digital audio from a source

For an Optical digital audio connection to the media center, the connected component must be recognized by the system.

Currently, the system is set to recognize CBL•SAT as the Optical component.

If the Optical connection is for a different component:

1. Display the 3•2•1® system menu on the TV by pressing System.
2. Move right to the Media Center icon and press ENTER.
3. Move down to Optical Source and press ENTER.
4. Move up or down to select a component from the list and press ENTER.
5. Press Exit to leave the System menu.

Note: *When using your 3•2•1 system with the TV, turn the volume on your TV set all the way down. This prevents an echo effect from two sets of speakers playing.*

Choosing other options

The 3•2•1 system provides optional settings and adjustments to meet your specific needs.

For example you can:

- Set a countdown time for the system to turn off automatically.
- Choose another language for text on the media center display and in system menus.
- Adjust the bass or treble audio compensation.
- Change the image format on your TV screen.

Note: *Your TV may provide an on-screen menu to make changes to the video image.*

For a full list and description of these options, see “Adjustments to the performance” on page 47.

Listening to the radio

Your 3•2•1® system includes an FM and AM radio.

1. On the 3•2•1 remote, press FM•AM.

   This turns on the 3•2•1 system and plays the radio station last selected.

2. Press the FM•AM button to switch between FM and AM.

3. Press the Channel up or down buttons to tune from one station to another.

To tune to:

- A preset station, press the Preset number button.
- The next clear station, press a Seek button.

Creating a preset

You can assign a preset number for 20 FM and 20 AM stations. Then, by pressing the preset number, you tune immediately to the particular station:

1. Tune to the station you want to assign to a preset.
2. Choose the number you want to assign to that station.
3. Press and hold the chosen number button:
   - For numbers 1 through 9, press and hold the button.

     PRESET:x* SET appears briefly on the media center display.
   - For numbers 10 through 20, press the first number, then press and hold the second number.

     PRESET:xx* SET appears briefly on the display.

Removing a station from a preset

1. Press the number of the preset.
2. Listen to be sure this is the preset you want to erase.
3. Press and hold zero.

   PRESET:xx* ERASED appears briefly on the display.

**x represents the number you select.*

Changing system features

If your system operates as you want it to, you may not need any changes.

Some kinds of setup, however, require a change for optimal performance. In most cases, you make a System change just once.

The features that you can change include:

- Stored CDs*
- Audio
- Video
- Media Center
- DVD Lock

Using the DVD Lock feature is described in "Playing a video disc or CD" on page 40.

For details on the other options available, refer to the tables on the pages that follow.

*Refer to the separate uMusic® booklet for information on this source.

To get to the System menu

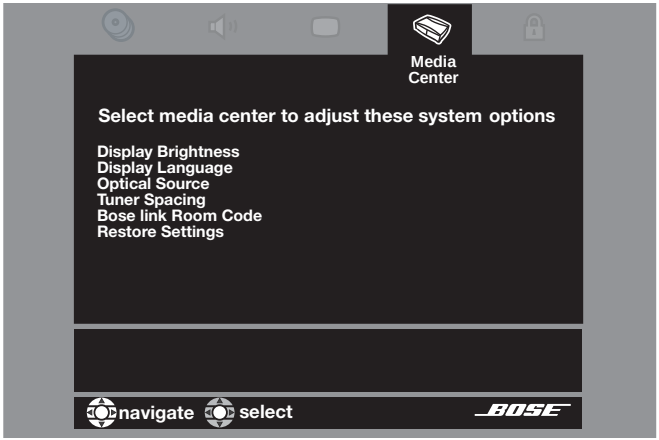
The System menu appears on your TV screen only.

1. Turn on your 3•2•1® system.
2. Turn on your TV and select the TV Video Input that you use to watch a DVD.
3. Press the System button on your 3•2•1 remote.

   The System menu appears on your TV screen.
4. To get into the menu, move right and select an icon (like Media Center, shown on page 48) for one of the system features.

   The list of options appears on the menu screen.

Note: *Entering the System menu pauses a DVD or CD.*



Selecting a new option

1. Make sure you see the System menu on your TV screen.
2. Move right to select the system feature you want to change and press ENTER.
3. Press the up and down buttons to move to the option you want.

   As explanation for each options appears at the bottom of the menu when you highlight the option by moving up or down.
4. Press ENTER to select the option.
5. Change the option by selecting a new setting (or by pressing number buttons, as needed).
6. Press Exit to leave the System menu.

Language choices

You can select the language you prefer to see on-screen and on the media center display. To make this change, move to the Display Language option in the Media Center feature of the System menu.

Audio options

These options affect the way the system sounds in your home.

Option	Default Setting (Options)	Description
Bass Compensation	0 (–14 to +14)	Zero is for standard low-tone performance. – decreases and + increases these low tones.
Treble Compensation	0 (–14 to +14)	Zero is for standard high-tone performance. – decreases and + increases these high tones.
Audio Processing	Automatic (User Adjustable)	Keeps Bose® processing as the standard. Allows some processing options (Movie EQ, Range Compression, Mono Decoding) to appear in Settings menus.
Input Levels: TV Analog Input Level TV Digital Input Level CBL•SAT Analog Input Level CBL•SAT Digital Input Level AUX Analog Input Level AUX Digital Input Level	Normal (–6, –3, +3, +6)	Decreases or increases the volume level setting for the input of a connected component. This minimizes abrupt volume changes when you switch from DVD or FM•AM audio on the Bose media center to audio from a connected component. ***Note:*** *To match AM and FM levels, which can vary depending on the program or station, adjusting the volume on your audio component may be preferable.*
DVD Audio (*Only for TVs connected to the media center by HDMI cable.)*	Bose 3•2•1 (TV Stereo)	Plays the DVD audio from 3•2•1® media center over the 3•2•1 speakers. Sends two channels of DVD audio by HDMI cable to the TV and plays this sound on the TV speakers as well as on the Bose® speakers.

Video options

These options affect the way the picture looks on your TV.

Option	Default Setting (Options)	Description
Widescreen TV ***Note:*** *If your TV is connected using an HDMI cable, you may not see a choice of settings.*	Yes (16:9) (No 4:3)	Yes tells the system that widescreen (16:9) is the TV format. No tells the system that 4:3 is the TV format. For a TV connected using a Composite, S-Video, or Component cable, selecting No also makes available the DVD Image option (below). ***Note:*** *If you are not sure what type of cable is used to connect your TV, check the Video Connector indicator, which is explained on page 51.*
DVD Image ***Note:*** *This option is NOT available UNLESS you have selected No in the Widescreen TV option (above) for your TV connected using a Composite, S-Video, or Component cable (not HDMI).*	Modified (Original)	For a TV connected using an HDMI cable: Modified allows the Bose® system to automatically provide the resolution that is preferred for your TV (usually 720 or 1080), so the image fills the screen. You can change this video resolution in the Settings menu. Original tells the Bose® system to keep the image in the original DVD format (in 480 or 576 resolution), regardless of how it fills the screen. No change can be made to this video resolution in the Settings menu. (Some TVs determine automatically how to fill the screen, overriding any choice.) For a TV connected using non-HDMI cable: Modified allows the Bose system to adjust the images on some widescreen DVDs to fill a 4:3 TV screen. This is done by removing the black bars on top and bottom and by cropping the sides of the image. (Many DVD images, even widescreen, will still appear with black bars on top and bottom.) Original tells the Bose system to keep the image in the original format of the DVD. A widescreen DVD image will have black bars on top and bottom.

Option	Default Setting (Options)	Description
Video Connector *(Only an indicator.)*	(HDMI) (Composite + S-Video) (Component)	Identifies the type of video connection made on the back panel of the media center. This is not an adjustable setting.
Video Black Level *(Appears on screen only if the TV connects to the media center using a Composite or S-Video cable.)*	Normal (Extended)	Screen black level generally appropriate for most TVs. Darkens the intensity of the black on screen.
TV Video Format	NTSC - US (PAL - EUROPE) (MULTISTANDARD)	Correct for NTSC (U.S. standard) monitors. Correct for PAL (European standard) monitors. Only for a TV that supports multiple formats (NTSC and PAL).
Progressive Scan (*Appears on screen only if the TV connects to the media center using a Component cable. It is not needed with HDMI.)*	Off (On) ***Note:*** *If selecting On distorts your screen, press the remote up arrow to reselect Off.*	Screen image repaints in standard style. Screen image repaints in advanced style (if your TV provides this option). ***Note:*** *With an HDMI connection, you will not see the On option. The HDMI cable automatically senses your TV capabilities and applies progressive scan as appropriate.*

Media center options

These options affect general operation of the system.

Option	Default Setting (Options)	Description
Display Brightness	4 (1 to 4)	Media center display shows text at its brightest. Choosing a lower number darkens text on the display.
Display Language	English (Dansk, Deutsch, Español, Français, Italiano, Nederlands, Svenska)	On-screen display menus appear in the selected language.
Optical Source	CBL•SAT (TV, AUX)	Set for a component connected by Optical cable to the CBL•SAT AUDIO IN on the 3•2•1® media center. Identifies a different component connected by Optical cable to the media center.
Tuner Spacing	US (European)	Applies the regional standard for incremental spacing between AM and FM stations.
Bose Link Room Code	B (C, D, E, F, G, H, I, J, K, L, M, N, or O)	Links the 3•2•1 system to a unique code so it works with Bose® link as a second room sound source. Bose link expansion is a Lifestyle® system feature.

Option	Default Setting (Options)	Description
uMusic Preset	1 (2, 3, 4, 5, 6, 7, 8, 9)	The Preset selected for making edits.
uMusic Preset Action	Edit Name Clear Playlist Clear Ratings	Opens a screen for naming or renaming the selected uMusic® Preset. Empties the system playlist. Deletes all ratings entered in the selected uMusic Preset.
Restore Settings	No (Yes)	Maintains your established changes in the Settings menu. Returns all of your selections in the Settings menu to the original factory settings.

Choosing new settings

You can use the 3•2•1® Settings menus for quick adjustments while you watch a video or listen to music.

For example, if you want to change the screen resolution for DVDs, you will find that option in the TV Settings menu.

To see these options, enter the Settings menu for the selected source. Symbols and definitions for the options that are offered appear on screen.

Note: *Some of the settings made while you are playing a particular source are temporary. When you change sources or turn off the system, these settings revert to the factory selections.*

To get to the Settings menu

1. Use the 3•2•1 remote to select the audio or video source that you want to change.
2. Press the Settings button.

   The Settings menu that affects this source appears on your media center display.

   It also appears on screen if your TV is on and you select the proper TV Video Input.
3. Move up or down to the option you want and press ENTER.
4. Move right to select a new setting for that option and press ENTER.
5. Press Exit to leave the Settings menu.

The Settings menu appears as a vertical bar of icons. To familiarize yourself with the icons, see “Settings options” on pages 55-59.

Settings options

	Features	Default Setting (Options)	Effect
	Audio Delay *Available only for DVDs and connected video components.*	0 (0, 1, 2, 3, 4, 5, 6, 7, 8)	Each number change adjusts the delay by about 30 milliseconds. The most noticeable mismatch in the video and audio synchronization (caused by the video processing in some TVs), occurs in scenes with people talking. If they appear to finish sentences before their lips stop moving, select a different Audio Delay setting to correct this condition.
	Movie EQ *Available only if Audio Processing is set to Adjustable in the Audio System menu.* *(Not available for CD or FM·AM.)*	Off (On)	Leaves the equalization of the movie soundtrack as originally recorded. Adjusts the equalization of the movie soundtrack to better suit some home theater installations. ***Note:*** *To turn on Movie EQ, the Audio Processing option in the System menu must be set as User Adjustable.*
	Range Compression *Available only if Audio Processing is set to Adjustable in the Audio System menu.* *(Not available for CD or FM·AM.)*	Off (On)	Leaves the volume range of the movie soundtrack as originally recorded. Reduces the volume range of sounds on a movie soundtrack. Late at night or at other quiet times, the startling difference between the quietest and loudest audio passages in a movie can be a problem. Turning this feature On moderates those effects. ***Note:*** *To turn on Range Compression, the Audio Processing option in the System menu must be set as User Adjustable.*

ADJUSTMENTS TO THE PERFORMANCE

	Features	Default Setting (Options)	Effect
	Mono Decoding *Available only if Audio Processing is set to Adjustable in the Audio System menu.* *(Not available on CD or FM·AM.)*	Off (On)	When one-channel (mono) is the audio input, this mono signal is sent to both speakers. Processes the signal from one-channel (mono) audio input (if it is detected) for right and left channel output.
	Audio 1 + 1 *Available only if a dual mono signal is detected on a video CD or digital broadcast.*	1 (2, Both)	Allows you to decode and play bilingual audio from a VCD or single-channel digital broadcast. When the digital audio content is on two channels, each channel carries a unique mono soundtrack (1 + 1). Changing this setting allows you to hear the audio on mono channel 2, or both mono channels at the same time.
	Video Resolution *Adjustable only for a TV connected by HDMI AND only if the DVD Image setting in the System menu is Modified.*	_____* Default (1080p, 1080i, 720p, 480/576p, 480/576i)	Your 3•2•1® system sets its DVD video resolution to match the default that is communicated to it by the TV. You can experiment with other settings to see which one provides the best picture. HDTVs can accept different resolutions as input, and in some cases the highest number does not result in the best picture. ***Important note:*** *When you change resolution, your TV screen takes several seconds to make the transition. Allow for this adjustment before pressing other buttons.*

	Features	Default Setting (Options)	Effect
	Time *(For DVD only.)*	_:_ _ (0:00)	Changing the elapsed time moves to a different point in the DVD.
	Title *(For DVD only.)*	__ of __	Changing the first number moves to a different title on the current disc. Some DVDs do not allow direct access to titles.
	Chapter *(For DVD only.)*	__	Changing this number moves to a different chapter on the current disc. Some DVDs do not allow direct access to chapters.
	Audio Track *(For DVD only.)*	Dependent on disc	Gives you a choice of audio tracks on the current disc.
	Subtitle Language *(For DVD only.)*	Dependent on disc	Gives you a choice of subtitle languages (if several are included on the disc).
	Camera Angle *(For DVD only.)*	1 of __	Gives you a choice of camera angles (if several are included on the disc).

ADJUSTMENTS TO THE PERFORMANCE

	Features	Default Setting (Options)	Effect
	A-B Repeat *(For DVD only.)*	A, B	Repeats a segment of the DVD after the start and end points are defined. To begin: **1.** Move backward or forward to the point in the DVD where you want the segment to start. **2.** Press ENTER. **3.** Move to the point where you want it to end. **4.** Press ENTER. Repeats until you select this setting option again and press ENTER.
	Track *(For CD only.)*	__ of __	Changing this first number moves to a different track on the current disc.
	Sleep Timer	Off (10-90)	Setting countdown minutes causes your 3•2•1® system to turn off when the time reaches 0. The choices, from 10 to 90 minutes, are divided into 10-minute increments. To cancel the timer, select Off.
	Output Mode *(For FM only.)*	Auto (Mono-Stereo)	Allows you to choose stereo or monaural (mono) audio performance by selecting: • Auto – The FM tuner will automatically play in stereo if that is available. Otherwise, it will play in mono (single channel). • Mono – The FM tuner will always play in mono. • Stereo – The FM tuner will always play in stereo if available. Otherwise, it plays mono. When you change the tuner frequency, the setting resets to Auto.

	Features	Default Setting (Options)	Effect
	RDS Info *(For FM and only on some systems.)*	On (Off)	Displays any station and program information that is available from the Radio Data System.
	uMusic Preset	1 or the last preset used (1-9 or names)	Displays the number or name of the current preset for editing.
	Play Mode *(An indicator only.)*	uMusic (Library, Encore, CD#, Playlist, Whole CD, Shuffle, Repeat)	Shows which stored music play mode is currently selected. This is not an adjustable setting.

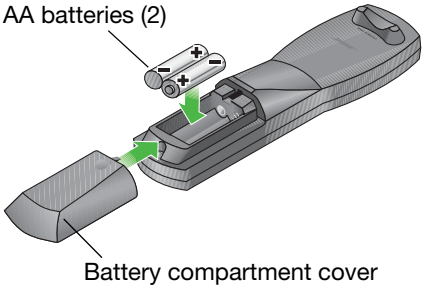
REFERENCE

Replacing remote batteries

Replace both batteries when the remote control stops operating or its range seems reduced. Alkaline batteries are recommended.

1. Slide open the battery compartment cover on the back of the remote.
2. Remove both batteries.

   Be sure to dispose of the batteries according to the regulations in your area.
3. Insert two AA (IEC-R6) 1.5V batteries, or the equivalent. Match the + and – symbols on the batteries with the + and – markings inside the compartment.
4. Slide the battery compartment cover back into place.



Protecting the system

Follow the guidelines below for keeping the system in good working order.

- Do not allow liquids to spill into any openings.
- Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not use any sprays near the system.

Cleaning the media center

Use only a soft, dry cloth to clean the outside surfaces of the media center.

Cleaning the speakers

Use a soft, damp cloth. Or use an ammonia-free window cleaner on a soft cloth to maintain the finish.

Troubleshooting

System issues	What to do
System doesn't turn on	• Make sure the Acoustimass® module power cord is inserted securely into the AC (mains) power outlet and into the power connector on the Acoustimass module. • Be sure to press a source button (CD•DVD, CBL•SAT, etc.) on the 3•2•1® remote. • Unplug the power cord for 60 seconds, then plug it in again. This allows the unit to reset itself after a power surge or power interruption. • For a 230-240V system (used typically in Europe), make sure the power switch on the Acoustimass module is turned on (**I**). • For a dual voltage 3•2•1 system only, make sure the voltage setting is correct for your region. If it is set to 115V, the system may not operate in a 230V region. ***CAUTION:*** *Do not change the voltage switch from 230V to 115V unless you are certain it is appropriate for the power supply in your location.*
No sound	• Increase the volume. • Check to see if MUTE is lit on the display. If it is, press the Mute button on the remote control to unmute the sound. • Be sure that you have pressed the correct source button (CD•DVD, CBL•SAT, etc.) on the 3•2•1 remote. • Check the audio connections for the component you want to play. • Connect the FM and AM antennas. • Make sure that the cable between the Acoustimass module and the media center is connected securely. • Check connections between the speakers and the Acoustimass module. • Turn off the media center for 60 seconds, then on again, to restore communication between the media center and the speakers.
Sound is distorted	• Make sure speaker cables are not damaged and the connections are secure. • Reduce the volume level on the external device playing through the 3•2•1 system speakers.
Sound is marred by a loud hum or buzz	• Try plugging your system into a different AC outlet. • Check to see if your media center and its audio input cable are within 3 ft (1 m) of any other electronic or electrical device. Some examples are a TV, cable box, VCR, wireless internet router, dimmer switches, blinking lights, or microwaves. • Move the media center farther away and notice if the humming still occurs.

System issues	What to do
No sound from TV only	• If your TV has Variable instead of Fixed audio output, you need to turn off the TV speakers internally. Refer to your TV owner's guide and follow the instructions provided there.
Speech and lip movement on screen are not in sync	• Adjust the Audio Delay using the Settings menu on screen. For details, refer to "Choosing new settings" on page 54.
Radio does not work or has poor reception	• Make sure the antennas are connected and positioned as shown in "Installing the FM and AM radio antennas" on page 25. • Adjust the FM antenna position to reduce interference. • Move antennas farther from the media center, TV, or other electronic equipment. • Select another station. You may be in an area of weak signal coverage for some stations.
Volume level changes when another sound source is selected	• Change the Audio Level for the source input so its volume matches the volume of the radio and DVD in the Bose® system. Refer to "Audio options" on page 49.
Remote issues	**What to do**
3•2•1® remote does not control your TV, CBL•SAT, or AUX component	• Make sure that the remote is set to control the component. Refer to "Setting the remote for your TV" on page 31. • Make sure that the front of the component is not obstructed. • Reset the remote using a different device code for the component you want to control. Refer to "Device codes" located at back of the book. There may be several codes that can turn the component on and off, but only one that provides further control (channel changing, for example).
3•2•1 remote behaves erratically or does not work	• Aim the remote at the front of the media center. • Make sure the battery polarity (+ and –) matches the polarity marked in the battery compartment. • Install new batteries. Refer to "Replacing remote batteries" on page 60.

Video issues	What to do
Sound, but no picture	• Make sure the TV is on. • Make sure the TV is set to the correct Video Input to see the video from DVDs on the Bose® system. • Make sure a DVD is in the disc tray. • If the TV is connected to the media center using the HDMI cable: – Switch from one Video Input to another and then back to the original input. – Turn everything off, then: A. Turn on the TV and set the TV Video Input for the Bose system video. B. Turn on the 3•2•1® system and press DVD. – Turn off both the TV and the 3•2•1 system and then: A. Unplug the HDMI cable from both ends. B. Disconnect the power cables from both your TV and the 3•2•1 Acoustimass® module. C. Re-connect power to the television and to the Acoustimass module. D. When the 3•2•1 startup message disappears from the display, re-connect the HDMI cable. E. Turn on the TV first, then turn on the 3•2•1 system. – Disconnect the HDMI cable that connects the TV to the 3•2•1 media center. Reconnect the two using a Component cable, an S-Video cable, or the Composite cable provided with the system.
Incorrect picture for the selected source	• Make sure the TV is set to the correct Video Input.
Picture is black and white, flickers, gets dark, or rolls	• Check the video cable connections. • If the media center is connected to the TV using a Component cable, make sure the colored cable plugs (red, green, and blue) match the connector colors on the media center and on the TV. • Check the Video Format setting (NTSC or PAL) and change it. Refer to “Video options” on page 50.
Picture is not clear or is unstable	• Use the Settings menu to lower the output resolution of the system. Your 3•2•1 system sets its DVD video resolution to match the default that is communicated to it by the TV. You can experiment with other settings to see which one provides the best picture. HDTVs can accept different resolutions as input, and in some cases the highest number does not result in the best picture.

Disc issues	What to do
DVD or CD does not play ***Note:*** *If you are using the HDMI cable between the TV and media center, there are other possible solutions in "Sound, but no picture" on the previous page.*	• Make sure the Acoustimass® module power cord is inserted securely into the AC (mains) power outlet and into the power connector on the Acoustimass module. • Check to see if the Play symbol in the display is lit. • After pressing the CD•DVD button, wait a few seconds and press Play. • Make sure the disc is properly inserted (label-side up). • Eject the disc and try loading it again. • Clean the disc to remove fingerprints, dust, or dirt. Refer to "Keeping your discs clean" on page 41. • Try another disc. Some discs are defective and will not play. • Make sure the disc is compatible with the media center disc player. Also make sure the region codes match. Refer to "Checking for disc compatibility" on page 42.
Disc won't eject	• Follow these steps: 1. Turn off the unit. 2. Unplug the Acoustimass module power cord from the outlet for 60 seconds, then reconnect it. This allows the unit to reset itself. 3. Before powering on, press and hold Eject on the media center.
Lock DVD password lost	• Enter the password 2673 to gain entry to the Lock DVD screen.
Storing issues	**What to do**
NO LABEL appears on the media center display when your music is playing or storing	• If the CD is a recent release, it may not be in the catalog of music installed in the system. The uMusic® system uses this catalog of information to identify and classify the CDs you store. When you are registered with Bose, a music information update CD is sent out periodically. Be sure to register your system if you have not. • For now, you can manually enter information using the Stored CD edit screen (Refer to "Choosing new settings" on page 54).
BUSY PROCESSING CDs appears on the media center display and the system won't allow you to store more CDs	• Turn off the system, wait 30 minutes, and try again. To store another 10 CDs, turn the system off overnight before you begin storing again. ***Note:*** *When you store a CD, the tracks are first placed in a holding area with space for up to 10 CDs. If the holding area is full, the message appears. For more information about storing CDs, refer to the* INTRODUCING uMusic Intelligent Playback System *booklet provided with the system.*

For customer service

For additional help in solving problems, contact Bose® Customer Service. Refer to the address sheet included in the carton.

Limited warranty

This system is covered by a transferable limited warranty. Details of the limited warranty are provided on the *Product Registration Card* that came with your system.

Technical information

Power rating

USA/Canada: 120V~ 60Hz 300W
International: 220-240V~ 50/60Hz 300W
Dual voltage: 115/230V~ 50/60Hz 300W

Antennas

FM 75Ω – external FM antenna
AM – external AM antenna

Maximum ambient temperature

104°F (40°C)

Dimensions

Media center: 3¼"H x 13¾"W x 10"D
(8.3 cm x 34.9 cm x 25.4 cm)

Remote control: 1⅛"H x 2½"W x 9"D
(3.0 cm x 6.5 cm x 22.9 cm)

Speakers: 2½"H x 5½"W x 4"D
(6.4 cm x 14 cm x 10.5 cm)

Acoustimass® module: 14½"H x 8¾"W x 19⅛"D
(36.7 cm x 22.2 cm x 48.5 cm)

Weights

Media center: 6.7 lb (3.0 kg)
Speakers: 1 lb (.45 kg) each
Acoustimass module: 23.3 lb (10.6 kg)

Finish

Media center: polymer
Speakers: polymer
Acoustimass module: polymer

GLOSSARY

4:3 – See “Aspect ratio.”

16:9 – See “Aspect ratio.”

A **Analog audio** – The sounds that we hear with our ears, unlike digital audio that is encoded as bits of information.

Aspect ratio – An expression for the width of the picture relative to the height. For example, if the aspect ratio is 4:3 (considered a normal screen), the shape of that picture is 4 units wide by 3 units high. The standard TV aspect ratios are 4:3 and 16:9 (called widescreen).

4:3 screen

16:9 screen

C **CD** – The abbreviation for a compact disc that stores digitally encoded music that is read by the laser beam in a compact disc player. This provides high-quality playback.

Chapter – A main division of contents in a DVD title.

Coaxial cable – Can carry digital audio signals between a source device and the 3•2•1® system.

Component video – Also called YPbPr for its three-part video signals that include luminance and two color signals. Component video requires the use of a Component cable. This provides considerably better resolution than is possible from either Composite or S-Video signals.

Composite video – The simplest of video signals, which combines black and white with color information. Its low- resolution signal is compatible with the broadest range of televisions and other video components and requires a simple RCA video cable.

D

Digital audio – Audio in digital form, which is encoded as bits of information.

Dolby Digital – A means of encoding multi-channel audio, developed by Dolby Laboratories and accepted as an international standard.

– The logo representing Dolby Digital.

DTS – An abbreviation for Digital Theater Systems. DTS encoding provides a type of multi-channel surround sound format used on certain CDs and many DVDs.

– The logo representing DTS.

DVD – An abbreviation most commonly known to mean digital video disc or digital versatile disc. A DVD looks like a CD but contains high-quality video and multi-channel audio for movies.

DVD-R, DVD-RW – Abbreviations for Recordable (R) and ReWriteable (RW) Digital Video (or Versatile) Disc (DVD). Data can be added to a DVD-R once only, and to a DVD-RW more than once.

DVD-ROM – The abbreviation for Read Only Memory (ROM) on a Digital Video (or Versatile) Disc (DVD), which allows no data to be added.

DVD video – A standard for storing and reproducing audio and video on DVD-ROM discs, based on MPEG video, Dolby Digital audio, and other proprietary data formats.

DVR – An abbreviation for Digital Video Recording (otherwise known as PVR for Personal Video Recording). With a hard drive, an electronic program guide, and internal processing, a DVR simplifies recording and playback of programs.

H **HDCP** – An abbreviation for High-bandwidth Digital Content Protection. HDCP is a form of Digital Rights Management licensed by Digital Content Protection, LLC, to control digital audio and video content as it travels across Digital Visual Interface (DVI) or High-Definition Multimedia Interface (HDMI) connections. (It prevents unauthorized copying of programs.)

HDMI – An abbreviation for High-Definition Multimedia Interface. HDMI is a de-facto standard interface that delivers clear, all-digital audio and video via a single cable.

HDTV – An abbreviation for High-Definition TV, a digital television format that delivers sharper picture quality with more lines of resolution. HDTV offers a much better picture quality than standard television.

I **IR** – An abbreviation for infrared. Pertains to the type of remote that sends/receives commands on an infrared light beam.

L **Letterbox** – A video format that has an aspect ratio wider than 4:3 (refer to Aspect ratio) and is shown with black bars above and below the picture.

M **MP3** – This is a compressed audio format (MPEG-1 Layer III) that allows the recording of many hours of music on a single CD.

MPEG – An abbreviation for Moving Picture Experts Group, the committee of experts from the audio, video, and computer industries involved in setting standards for compression of moving images.

N **NTSC** – An abbreviation for National Television System Committee and the label for its video format standard used for televisions in the U.S. and other countries.

O **Optical cable** – Carries digital audio via optical fiber between a source device and your 3•2•1® system.

P **PAL** – An acronym for the Phase Alternate Line video format used extensively in Western Europe.

PCM – An abbreviation for Pulse Code Modulation. A common form of digital audio signal.

Progressive scan – A video format that displays all lines of the picture frame in a single pass and refreshes the TV image 30 times per second. Not compatible with all video displays.

PVR – Refer to DVR.

R **RDS** – A system that displays radio broadcast station and programming information. This feature is available on European systems only.

Resolution – The sharpness of a video image, signal, or display, generally described either in terms of lines of resolution or pixels.

S **SCART** – A type of connector commonly found on consumer electronics products manufactured for use in Western Europe.

Screen ratio – See Aspect ratio.

Source – Any device that provides audio or video signals for use with the 3•2•1® system. The AUDIO OUT from such a device connects to the AUDIO IN on the media center

S-Video – A video signal that separates the black and white from the color information. S-Video provides higher resolution than Composite video, but not as high as Component video. This type of connection requires use of an S-Video cable.

T **Teletext** – An information retrieval service provided by television broadcast companies in Europe and some other countries, not including the U.S.

Title – A main component of contents on a DVD. There can be several titles on a DVD, one of which may be a movie.

V **Video CD** – A compact disc (CD) that contains video.

W **Widescreen** – A TV having an aspect ratio of 16:9 with a picture shape that is 16 units wide by 9 units high. (Refer to Aspect ratio.)

Y **YPbPr** – See Component video.

END USER LICENSE AGREEMENT

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